

## DUAL MODE POWER MANAGEMENT SYSTEM

SN#095-44228

## Abstract of the Disclosure

5           A power management system has a primary power source  
(100) and a secondary power source (106) generated from the  
primary power source (100) with a power output selector  
(204) coupled to each for selecting power for a regulated  
power output (212). First, during initialization and at any  
10 other time during operation, when the primary power source  
(102) exceeds the secondary power source (106), the primary  
power source (102) is used as a power supply for the  
regulated power output (212). Second, at any time after  
initialization that the primary power source (102) exceeds  
15 the regulated power output (212), the primary power source  
(102) is used as the power supply for the regulated power  
output (212). Third, at any time after initialization that  
the secondary power source (106) exceeds the primary power  
source (106) and the primary power source (102) is less than  
20 the regulated power output (212), the secondary power source  
(106) is used as the power supply for the regulated power  
output (212).